

WHAT IS CLAIMED IS:

1. A display unit comprising:

image presentation means for receiving a plurality of
5 monomedia data and presentation style data describing a
presentation style of a frame of each of the individual monomedia
data, for generating scaling/combining control information for
combining the individual monomedia data, and for generating a
composite video frame by combining the individual monomedia
10 data;

image enhancing means for obtaining a correction target
region of designated monomedia data in the composite video frame
in response to the scaling/combining control information, for
generating correction data by obtaining interframe difference
15 in the correction target region, and for generating a display
video frame by carrying out image enhancing processing of the
correction target region in response to the correction data
generated; and

image display means for displaying the display video frame
20 generated.

2. The display unit according to claim 1, wherein said image
enhancing means carries out the image enhancing processing by
correcting values of a display attribute in the correction target
25 region.

3. The display unit according to claim 1, wherein said image
enhancing means comprises:

correction region managing means for obtaining the
30 correction target region of the designated monomedia data in

the composite video frame and a compression ratio in the correction target region in response to the scaling/combining control information;

encoding means for encoding the correction target region
5 in the composite video frame at the compression ratio;

a delaying frame buffer for storing encoded data fed from said encoding means to delay the encoded data by an interval of one frame;

previous frame decoding means for decoding the encoded data
10 stored in said delaying frame buffer and delayed by an interval of one frame at the compression ratio;

current frame decoding means for decoding the encoded data fed from said encoding means at the compression ratio;

correction data generating means for obtaining the
15 interframe difference by comparing decoded data in the correction target region fed from said previous frame decoding means and from said current frame decoding means, and for generating the correction data corresponding to the interframe difference obtained; and

20 image correction means for generating the display video frame by carrying out the image enhancing processing by correcting the correction target region in the composite video frame in accordance with the correction data.

25 4. The display unit according to claim 1, wherein when the presentation style of the frame is changed,

said image presentation means generates the scaling/combining control information; and

said image enhancing means generates the display video
30 frame by carrying out the image enhancing processing of the

correction target region in response to the scaling/combining control information changed.

5. The display unit according to claim 4, wherein when detecting
5 that the presentation style of the frame is substantially changed
in response to the scaling/combining control information before
and after the changes, said image enhancing means does not carry
out the image enhancing processing.